

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/038,335A
Source: 1FWJ6
Date Processed by STIC: 6/30/05

ENTERED

CRF ERRORS EDITED BY THE STIC SYSTEMS
Branch

Serial Number: 10/038,335A

CRF Edit Date: 7/1/05
Edited by: AC

Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

Corrected the SEQ ID NO. Sequence numbers edited were:

Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

Deleted: ____ invalid beginning/end-of-file text ; ____ page numbers

Inserted mandatory headings/numeric identifiers, specifically:

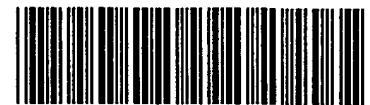
Moved responses to same line as heading/numeric identifier, specifically:

Other:

Changed <140> (duplicate) to <141>

Revised 09/09/2003

BEST AVAILABLE COPY



IFW16

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/038,335A

DATE: 07/01/2005

TIME: 11:50:21

Input Set : A:\PTO.AMC.txt
 Output Set: N:\CRF4\07012005\J038335A.raw

3 <110> APPLICANT: Ecker, David J.
 4 Wyatt, Jacqueline
 5 Bennett, C. Frank
 6 Hanecak, Ronnie
 7 Brown-Driver, Vickie
 8 Vickers, Timothy
 9 Chiang, Ming-yi
 10 Anderson, Kevin
 12 <120> TITLE OF INVENTION: Modulation Of Telomere Length By Oligonucleotides Having A
 G-Core
 13 Sequence
 15 <130> FILE REFERENCE: ISIS0049-103 (ISIS-4976)
 17 <140> CURRENT APPLICATION NUMBER: 10/038,335A
 18 <141> CURRENT FILING DATE: 2002-01-02
 20 <150> PRIOR APPLICATION NUMBER: 09/299,058
 21 <151> PRIOR FILING DATE: 1999-04-23
 23 <150> PRIOR APPLICATION NUMBER: 08/403,888
 24 <151> PRIOR FILING DATE: 1995-06-12
 26 <150> PRIOR APPLICATION NUMBER: PCT/US93/09297
 27 <151> PRIOR FILING DATE: 1993-09-29
 29 <150> PRIOR APPLICATION NUMBER: 07/954,185
 30 <151> PRIOR FILING DATE: 1992-09-29
 32 <160> NUMBER OF SEQ ID NOS: 11
 34 <170> SOFTWARE: PatentIn version 3.1
 36 <210> SEQ ID NO: 1
 37 <211> LENGTH: 13
 38 <212> TYPE: DNA
 39 <213> ORGANISM: Novel sequence
 41 <220> FEATURE:
 42 <223> OTHER INFORMATION: Antisense sequence
 44 <400> SEQUENCE: 1
 45 caguuagggu uag 13
 48 <210> SEQ ID NO: 2
 49 <211> LENGTH: 13
 50 <212> TYPE: DNA
 51 <213> ORGANISM: Novel sequence
 53 <220> FEATURE:
 54 <223> OTHER INFORMATION: Antisense sequence
 56 <400> SEQUENCE: 2
 57 cagtttagggt tag 13
 58 <210> SEQ ID NO: 3
 59 <211> LENGTH: 14
 60 <212> TYPE: DNA
 61 <213> ORGANISM: Novel sequence

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/038,335A

DATE: 07/01/2005

TIME: 11:50:21

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\07012005\J038335A.raw

63 <220> FEATURE:
64 <223> OTHER INFORMATION: Antisense sequence
66 <400> SEQUENCE: 3
67 ttggggttgg ggtt 14
70 <210> SEQ ID NO: 4
71 <211> LENGTH: 24
72 <212> TYPE: DNA
73 <213> ORGANISM: Novel sequence
75 <220> FEATURE:
76 <223> OTHER INFORMATION: Antisense sequence
78 <400> SEQUENCE: 4
79 ttggggttgg ggttgggtt gggg 24
82 <210> SEQ ID NO: 5
83 <211> LENGTH: 20
84 <212> TYPE: DNA
85 <213> ORGANISM: Novel sequence
87 <220> FEATURE:
88 <223> OTHER INFORMATION: Antisense sequence
90 <400> SEQUENCE: 5
91 gttggagacc ggggttgggg 20
94 <210> SEQ ID NO: 6
95 <211> LENGTH: 20
96 <212> TYPE: DNA
97 <213> ORGANISM: Novel sequence
99 <220> FEATURE:
100 <223> OTHER INFORMATION: Antisense sequence
102 <400> SEQUENCE: 6
103 cacggggtcg ccgatgaacc 20
106 <210> SEQ ID NO: 7
107 <211> LENGTH: 13
108 <212> TYPE: DNA
109 <213> ORGANISM: Novel sequence
111 <220> FEATURE:
112 <223> OTHER INFORMATION: Antisense sequence
114 <400> SEQUENCE: 7
115 caguuagaau uag 13
118 <210> SEQ ID NO: 8
119 <211> LENGTH: 13
120 <212> TYPE: DNA
121 <213> ORGANISM: Novel sequence
123 <220> FEATURE:
124 <223> OTHER INFORMATION: Antisense sequence
126 <400> SEQUENCE: 8
127 cagttagaat tag 13
130 <210> SEQ ID NO: 9
131 <211> LENGTH: 11
132 <212> TYPE: DNA
133 <213> ORGANISM: Novel sequence
135 <220> FEATURE:

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/038,335A

DATE: 07/01/2005

TIME: 11:50:21

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\07012005\J038335A.raw

136 <223> OTHER INFORMATION: Antisense sequence
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143 <211> LENGTH: 11
144 <212> TYPE: DNA
145 <213> ORGANISM: Novel sequence
147 <220> FEATURE:
148 <223> OTHER INFORMATION: Antisense sequence
150 <400> SEQUENCE: 10
151 tctaattcta a 11
154 <210> SEQ ID NO: 11
155 <211> LENGTH: 24
156 <212> TYPE: DNA
157 <213> ORGANISM: Novel sequence
159 <220> FEATURE:
160 <223> OTHER INFORMATION: Antisense sequence
162 <400> SEQUENCE: 11
163 ttagggtag ggttagggtt aggg 24

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 07/01/2005
PATENT APPLICATION: US/10/038,335A TIME: 11:50:22

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF4\07012005\J038335A.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 12

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/038,335A

DATE: 07/01/2005

TIME: 11:50:22

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\07012005\J038335A.raw

Raw Sequence Listing before editing,
for reference only

BEST AVAILABLE COPY



IFW16

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/038,335A

DATE: 07/01/2005
TIME: 11:48:58

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF4\07012005\J038335A.raw

3 <110> APPLICANT: Ecker, David J.
4 Wyatt, Jacqueline
5 Bennett, C. Frank
6 Hanecak, Ronnie
7 Brown-Driver, Vickie
8 Vickers, Timothy
9 Chiang, Ming-yi
10 Anderson, Kevin
12 <120> TITLE OF INVENTION: Modulation Of Telomere Length By Oligonucleotides Having A
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13 Sequence
15 <130> FILE REFERENCE: ISIS0049-103 (ISIS-4976)
17 <140> CURRENT APPLICATION NUMBER: 10/038,335A
W--> 18 <140> CURRENT APPLICATION NUMBER: 2002-01-02A

replace with
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 20 <150> PRIOR APPLICATION NUMBER: 09/299,058
 21 <151> PRIOR FILING DATE: 1999-04-23
 23 <150> PRIOR APPLICATION NUMBER: 08/403,888
 24 <151> PRIOR FILING DATE: 1995-06-12
 26 <150> PRIOR APPLICATION NUMBER: PCT/US93/09297
 27 <151> PRIOR FILING DATE: 1993-09-29
 29 <150> PRIOR APPLICATION NUMBER: 07/954,185
 30 <151> PRIOR FILING DATE: 1992-09-29
 32 <160> NUMBER OF SEQ ID NOS: 11
 34 <170> SOFTWARE: PatentIn version 3.1
 36 <210> SEQ ID NO: 1
 37 <211> LENGTH: 13
 38 <212> TYPE: DNA
 39 <213> ORGANISM: Novel sequence
 41 <220> FEATURE:
 42 <223> OTHER INFORMATION: Antisense sequence
 44 <400> SEQUENCE: 1
 45 caguuagggu uag 13
 48 <210> SEQ ID NO: 2
 49 <211> LENGTH: 13
 50 <212> TYPE: DNA
 51 <213> ORGANISM: Novel sequence
 53 <220> FEATURE:
 54 <223> OTHER INFORMATION: Antisense sequence
 56 <400> SEQUENCE: 2
 57 cagtttagggt tag 13
 58 <210> SEQ ID NO: 3
 59 <211> LENGTH: 14
 60 <212> TYPE: DNA

*Does Not Comply
Compressed Diskette Needed*

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/038,335A

DATE: 07/01/2005

TIME: 11:48:58

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\07012005\J038335A.raw

61 <213> ORGANISM: Novel sequence
63 <220> FEATURE:
64 <223> OTHER INFORMATION: Antisense sequence
66 <400> SEQUENCE: 3
67 ttggggttgg ggtt 14
70 <210> SEQ ID NO: 4
71 <211> LENGTH: 24
72 <212> TYPE: DNA
73 <213> ORGANISM: Novel sequence
75 <220> FEATURE:
76 <223> OTHER INFORMATION: Antisense sequence
78 <400> SEQUENCE: 4
79 ttggggttgg ggttgggtt gggg 24
82 <210> SEQ ID NO: 5
83 <211> LENGTH: 20
84 <212> TYPE: DNA
85 <213> ORGANISM: Novel sequence
87 <220> FEATURE:
88 <223> OTHER INFORMATION: Antisense sequence
90 <400> SEQUENCE: 5
91 gttggagacc ggggttgggg 20
94 <210> SEQ ID NO: 6
95 <211> LENGTH: 20
96 <212> TYPE: DNA
97 <213> ORGANISM: Novel sequence
99 <220> FEATURE:
100 <223> OTHER INFORMATION: Antisense sequence
102 <400> SEQUENCE: 6
103 cacggggtcg ccgatgaacc 20
106 <210> SEQ ID NO: 7
107 <211> LENGTH: 13
108 <212> TYPE: DNA
109 <213> ORGANISM: Novel sequence
111 <220> FEATURE:
112 <223> OTHER INFORMATION: Antisense sequence
114 <400> SEQUENCE: 7
115 caguuagaau uag 13
118 <210> SEQ ID NO: 8
119 <211> LENGTH: 13
120 <212> TYPE: DNA
121 <213> ORGANISM: Novel sequence
123 <220> FEATURE:
124 <223> OTHER INFORMATION: Antisense sequence
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127 cagtttagaat tag 13
130 <210> SEQ ID NO: 9
131 <211> LENGTH: 11
132 <212> TYPE: DNA
133 <213> ORGANISM: Novel sequence

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PATENT APPLICATION: US/10/038,335A

DATE: 07/01/2005

TIME: 11:48:58

Input Set : A:\PTO.AMC.txt

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135 <220> FEATURE:
136 <223> OTHER INFORMATION: Antisense sequence
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139 tctaacccta a 11
142 <210> SEQ ID NO: 10
143 <211> LENGTH: 11
144 <212> TYPE: DNA
145 <213> ORGANISM: Novel sequence
147 <220> FEATURE:
148 <223> OTHER INFORMATION: Antisense sequence
150 <400> SEQUENCE: 10
151 tctaattctta a 11
154 <210> SEQ ID NO: 11
155 <211> LENGTH: 24
156 <212> TYPE: DNA
157 <213> ORGANISM: Novel sequence
159 <220> FEATURE:
160 <223> OTHER INFORMATION: Antisense sequence
162 <400> SEQUENCE: 11
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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 07/01/2005
PATENT APPLICATION: US/10/038,335A TIME: 11:48:59

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF4\07012005\J038335A.raw

Invalid Line Length:

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Seq#:1; Line(s) 12

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/038,335A

DATE: 07/01/2005

TIME: 11:48:59

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\07012005\J038335A.raw

L:18 M:283 W: Missing Blank Line separator, <140> field identifier

L:18 M:270 C: Current Application Number differs, Replaced Current Application Number

L:20 M:271 C: Current Filing Date differs, Replaced Current Filing Date